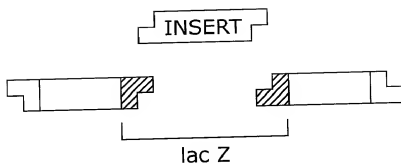


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#3



- 1) Ligate Insert
- 2) Helper phage will circularize /Gxise
- 3) White colonies should contain Insert

FIG. 1

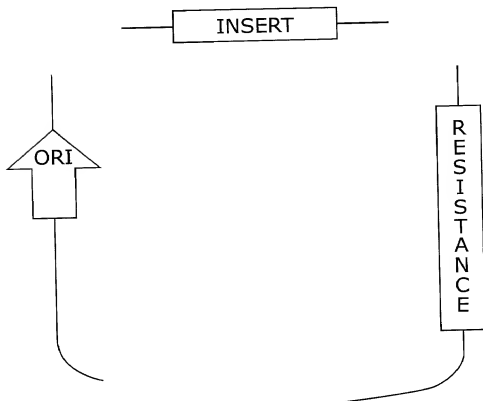


FIG. 2

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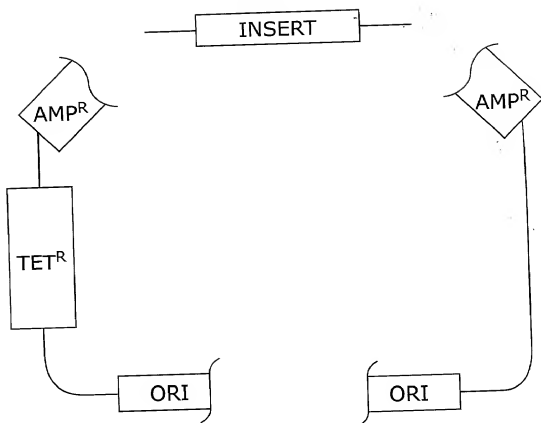


FIG. 3

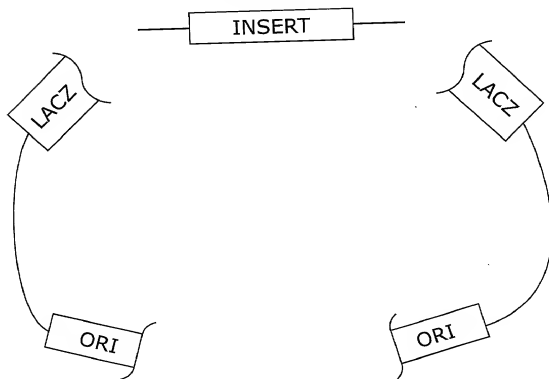


FIG. 4

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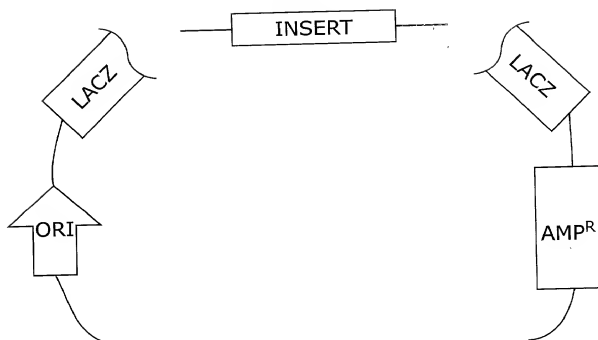


FIG. 5

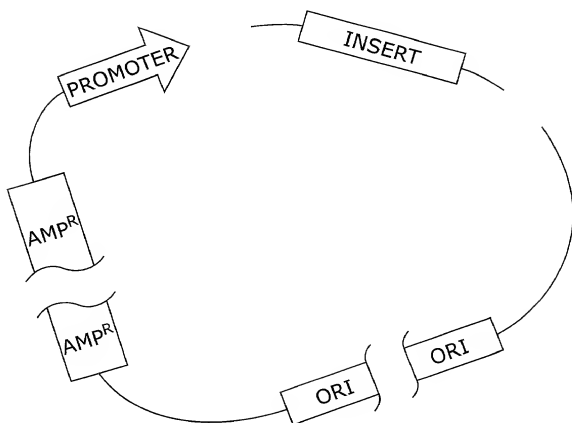


FIG. 6

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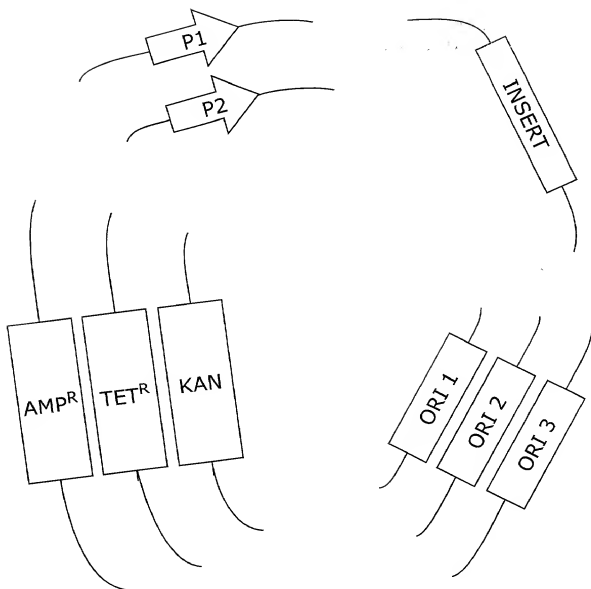


FIG. 7

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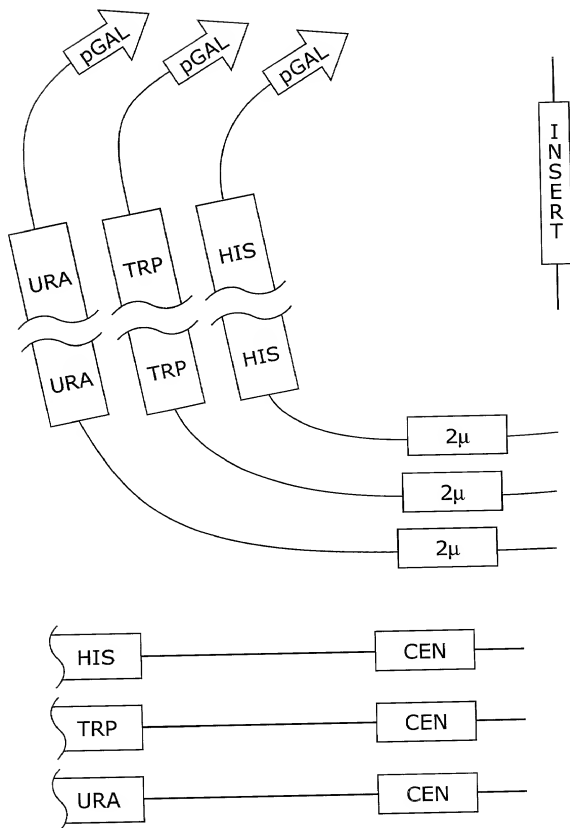


FIG. 8

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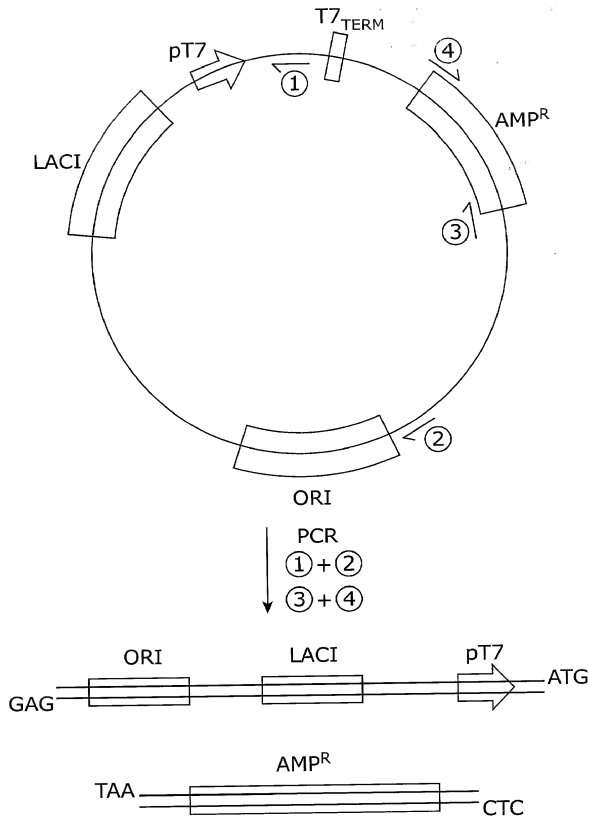


FIG. 9A

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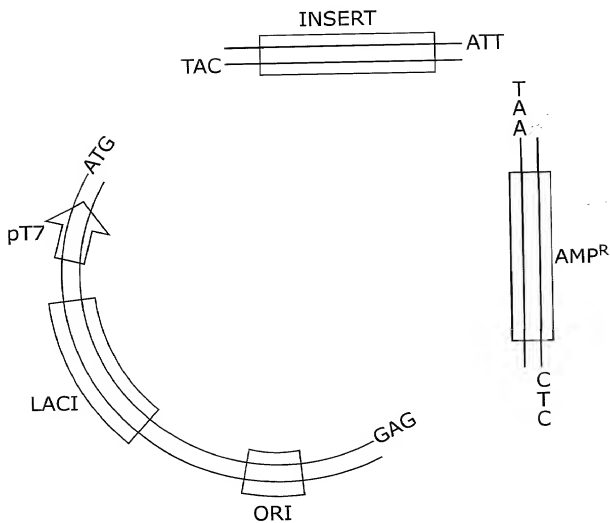


FIG. 9B

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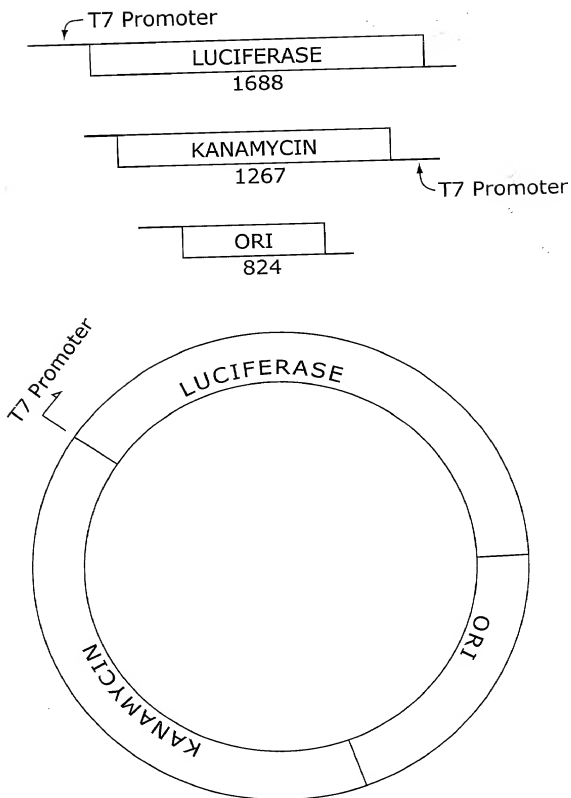


FIG. 10

0910354-210802



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3nt + 1nt Ribo Terminator Cloning  
(2 molecule Vector)

(A)

ORI [2400 nt] - size

[3nt] - 5'OST - CTG CTA AGT GAG <sup>RNA</sup>cuc GAC AGA  
TCG CTG AGA TAG GTG C

[3nt] - 3'OHT - AAG CTT GCT AGG <sup>RNA</sup>uag GCT ACG  
TCT TGC TGG CGT TCG

KAN [1267] - size

[3nt] - 5'KHT - CTA CCT AGC AAG <sup>RNA</sup>cuu CTA  
TCT GGA CAA GGG AAA ACG

[3nt] - 3'KST - GAG CTC ACT TAG <sup>RNA</sup>cag GGC  
GAA AAC TCT CAA GGA TC

(B)

ORI (s) [824] - size

[1nt] - 1NT5'ORI - TTG CTA AGT GAG CTC <sup>RNA</sup>GAC  
AGA TCG CTG AGA TAG GTG C

- 1NT3'ORI (s) - AAG CTT GCT AGG TAG <sup>RNA</sup>  
GGC GTT TTT CCA TAG GCT CCG

KAN [1267] - size

[1nt] - 1NT5'KAN - CTA CCT AGC AAG CTu CTA <sup>RNA</sup>  
TCT GGA CAA GGG AAA ACG

- 1NT3'KAN - GAG CTC ACT TAG CAa <sup>RNA</sup>  
GGC GAA AAC TCT CAA GGA

FIG. 11